PATENT ABSTRACTS OF JAPAN

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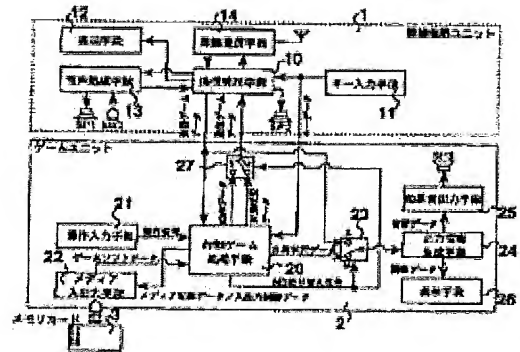   UKAI MAKOTO

(54) PORTABLE GAME TERMINAL

(57)Abstract:

PURPOSE: To perform a game between optional terminals only by carrying a game soft by either one terminal, in order to easily and smoothly execute a competition type game between movable portable terminals opposed by a wireless circuit, and prevent the game result from being differed between the terminals when the communication delay time is increased by a reduction in efficiency of the wireless circuit.

CONSTITUTION: A game unit 2 to be connected to a wireless telephone unit 1 has a competition game processing means 20 having two different modes. In master mode, a game program is executed, the situation data during the game progress for its own and the opposite stations is outputted, and the situation data for the opposite station is transmitted. In slave mode, control data is transmitted to the opposite station, and an image data is obtained by use of an output information generating means 24 on the basis of the received situation data. Since the execution of the game is unified on the master side, the slave side soft is dispensed with, and the result is never differed between the terminals.

CLAIMS

[Claim(s)]
[Claim 1]Between personal digital assistants which confront each other via a wireless circuit, on the other hand (terminal shell), possess a game software program, execute this program, and condition data about a situation under game progress is transmitted further, A portable game terminal constituting another side (terminal second) so that image data generation may be carried out for transmitting an operational input of a user of the terminal second to the terminal first which competes, receiving said condition data simultaneously, and displaying a game image based on this condition data.
[Claim 2]Output and input a wireless communication means which transmits and receives a radio signal, and information data which should be transmitted, A communication management means to perform an assembly to signal forms used for a wireless circuit, and decomposition, or to use line control data, and to set up and maintain a wireless circuit, A media input output means which incorporates into a portable game terminal data (program data is called below) of game software supplied by package media, An operation input means which carries out the conversion output of the input about a user's game operation to an electric manipulate signal, The 1st operational mode that outputs manipulation data changed into signal forms which input said manipulate signal and can deal with said communication management means, Perform said program data independently and manipulation data transmitted from said manipulate signal and a terminal which competes via a wireless circuit is inputted, condition data about an on-going game -- an object for local stations, and a game -- with a versus fighting game processing means provided with the 2nd operational mode outputted to **. a game outputted by the 2nd operational mode as well as manipulation data outputted by the 1st operational mode of said versus fighting game processing means -- one of the ** condition data being chosen and with the 1st selection switching means outputted to said communication management means as send data. Condition data for local stations outputted by the 2nd operational mode of said versus fighting game processing means, The 2nd selection switching means that carries out the selected output of one of the condition data transmitted from a terminal which competes via

a wireless circuit, A portable game terminal provided with an output information generation means which generates image data for displaying a game image at least from condition data which said 2nd selection switching means outputs.

[Translation done.]